

Overhead Door Specifications

Date: 12-03-08
To: To: All Overhead door Contractors
Cc:
From: MoDOT - David Fleming
RE: Specification sheet

DOOR SPECIFICATION

1. Exterior metal gauge – 20 gauge
2. Interior metal gauge – 27 gauge
3. 1 3/4 " thick door, Insulated with R 14 or better
4. Tracks – 3" continuous angle mount either standard or high lift. High lift tracks may be used if the ceiling is 3' higher than the door.
5. Springs - 50,000 - cycle, install with a solid torsion shaft for proper stability.
6. Weatherseals – Top seal may be attached to top section of door. Side seals are PVC stop moulding. Reverse angle seals are an option for steel framed buildings.
7. Windows – are insulated glass in removable screw-together frames. 24" x 7" size. Little larger or smaller is OK.
8. The electric door – Jackshaft/ side mount type
 - a. Motor – 115V single phase, 1/2 hp. Instant reversing with automatic reset thermal overload.
 - b. Limit Switches – Adjustable rotary type synchronized with door operation.
 - c. Control Circuit – 24 volt class 2, three button, OPEN-CLOSE-STOP.
 - d. Reduction – Primary-V- belt, secondary-chain and sprocket.
 - e. Clutch – Adjustable disc friction type.
 - f. Safety Reversing – Photo Cell type, mounted 24" above floor.
 - g. Electric Operators – Medium-Duty

9. Provide the Manufacturer Typ. Warranty.
10. The panel with windows will need to have five windows spaced equal.
11. All pre-wiring and connections will be MoDOT responsibility.
12. Elevate horizontal track for side mount operation.

If you have any other questions please call me at 573-472-5231 David Fleming.